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(1)-Dimethylamino-propyl-(1)-phenyl-phthalanes - substd. in positions (5) and (4') by halo, trifluoromethyl, cyano or acyl, are antidepressants

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Number of Countries: 015 Number of Patents: 022

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
BE 850401	A	19770714				197729 B
DE 2657013	A	19770728				197731
NL 7700244	A	19770718				197731
SE 7614201	A	19770808				197734
NO 7700109	A	19770808				197735
FI 7700073	A	19770831				197738
DK 7700131	A	19770912				197740
JP 52105162	A	19770903				197741
FR 2338271	A	19770916				197744
ZA 7700057	A	19771017				197750
GB 1526331	A	19780927				197839
US 4136193	A	19790123				197905
AT 7609472	A	19800415				198019
AT 7905719	A	19800515				198023
AT 7905720	A	19800515				198023
CA 1094087	A	19810120				198109
CH 626886	A	19811215				198206
CH 632258	A	19820930				198241
CH 632259	A	19820930				198241
DE 2657013	C	19851114				198547
JP 86035986	B	19860815				198637
NL 192451	B	19970401	NL 77244	A	19770112	199718

Priority Applications (No Type Date): GB 761486 A 19760114

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
NL 192451	B		C07D-307/87	

Abstract (Basic): BE 850401 A

1-(3-Dimethylaminopropyl)-1-(4-substd. phenyl)-phthalones of formula (I) and their acid addition salts are novel: (where R₁, R₂ = halo, CF₃, cyano or R-CO and R = 1-4C alkyl).

Cpds. are antidepressants which are strong tryptophane and 5-hydroxy-tryptophane potentiators but have practically no potentialising effect on noradrenalin or adrenalin. They are administered orally (in unit doses of 0.1-50 mg, pref. 0.5-25mg to give a daily dose of 0.5-300mg) or parenterally. (I) may be administered with other active cpds. partic. thymoleptics or neuroleptics such as imipramine, amitriptyline or nortriptyline.

A specific cpd. (I) is
1-(4'-fluorophenyl)-1-(3-dimethyl-aminopropyl)-5-phthalane-carbonitrile.